

# Certificate of Analysis

**Sample Name:** Zenvy Energy Clarity - 60mL  
**Client:** Botanaway  
**Sample Code:** DTS-260820-047  
**Matrix Name:** Beverage & Liquid - Shot  
**Type / Result:** Batch Release - Pass



**Received Date:** Fri, Aug 21, 2026  
**Published Date:** Fri, Aug 28, 2026  
**Batch/Lot Code:** 0769-01-001  
**Batch Size:** N/A  
**Sample Size:** 1U  
**Average Unit Weight:** 66.744g (Density (g/mL) \* 60mL package. 2 servings/package.)

| RESULT SUMMARY        |                |
|-----------------------|----------------|
| Mitragynine           | 31.21 mg /serv |
| Total Major Alkaloids | 31.21 mg /serv |

ALKU

Kratom Alkaloids

High Level

ALKL

Kratom Alkaloids

Low Level

DEN

Density of Liquids

## Approvals

### RESULTS REVIEWED BY:

**Leslie Nagy**  
Laboratory Director

Cambium Analytica  
Friday, Aug 28, 2026

### RESULTS CERTIFIED BY:

**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Friday, Aug 28, 2026

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## Lab Information

**Address:** 1230 Woodmere Ave, Traverse City, MI 49686    **Phone:** 231.252.3669    **Accreditation:** ISO/IEC 17025:2017 – #108157



| <div>ALKU</div> <div><div>Kratom Alkaloids - High Level</div><div>LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD</div><div>ALKU-DTS-260820-047-01 - WED, AUG 26, 2026</div></div> <div></div> |          |              |             |             |              |             |             |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|-------------|-------------|--------------|-------------|-------------|--------|
| Analyte                                                                                                                                                                                                                                                                                             | Value    | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD         | LOQ         | Status |
| Mitragynine                                                                                                                                                                                                                                                                                         | 0.0935 % | 0.9353 mg/g  | 31.21 mg    | 62.43 mg    | N/A          | 0.0496 mg/g | 0.0992 mg/g | N / A  |
| Paynantheine                                                                                                                                                                                                                                                                                        | ND       | N/A          | N/A         | N/A         | N/A          | 0.0496 mg/g | 0.0992 mg/g | N / A  |
| Speciociliatine                                                                                                                                                                                                                                                                                     | ND       | N/A          | N/A         | N/A         | N/A          | 0.0496 mg/g | 0.0992 mg/g | N / A  |
| Speciogynine                                                                                                                                                                                                                                                                                        | ND       | N/A          | N/A         | N/A         | N/A          | 0.0496 mg/g | 0.0992 mg/g | N / A  |
| Total Major Alkaloids *                                                                                                                                                                                                                                                                             | 0.0935 % | 0.9353 mg/g  | 31.21 mg    | 62.43 mg    | N/A          | N/A         | N/A         | N / A  |

\*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

| <div>ALKL</div> <div><div>Kratom Alkaloids - Low Level</div><div>LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ</div><div>ALKL-DTS-260820-047-01 - FRI, AUG 28, 2026</div></div> <div></div> |           |              |             |             |              |              |              |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------|-------------|--------------|--------------|--------------|--------|
| Analyte                                                                                                                                                                                                                                                                                         | Value     | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD          | LOQ          | Status |
| 7-Hydroxymitragynine                                                                                                                                                                                                                                                                            | 0.00003 % | 0.00030 mg/g | 0.01 mg     | 0.02 mg     | N/A          | 0.03964 ug/g | 0.07929 ug/g | N / A  |
| Mitraphylline                                                                                                                                                                                                                                                                                   | ND        | N/A          | N/A         | N/A         | N/A          | 0.03964 ug/g | 0.07929 ug/g | N / A  |
| Total Minor Alkaloids *                                                                                                                                                                                                                                                                         | 0.00003 % | 0.00030 mg/g | 0.01 mg     | 0.02 mg     | N/A          | N/A          | N/A          | N / A  |

\*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

|                                                                                                                                                                                                                                                               |             |              |     |     |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-----|-----|--------|
| <div>DEN</div> <div><div>Density of Liquids</div><div>LAB-TM-017 - Brix &amp; Density Analysis</div><div>DEN-DTS-260820-047-01 - MON, AUG 24, 2026</div></div> <div></div> |             |              |     |     |        |
| Analyte                                                                                                                                                                                                                                                       | Value       | Action Limit | LOD | LOQ | Status |
| Density                                                                                                                                                                                                                                                       | 1.1124 g/mL | N/A          | N/A | N/A | N / A  |
| Specific Gravity *                                                                                                                                                                                                                                            | 1.1144      | N/A          | N/A | N/A | N / A  |

\*Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation: [Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]

